Sweden Bringing Its Experience and Expertise to the Clean Energy Ministerial in Washington
At the July 19-20 Ministerial, Sweden will support the Super Efficient Appliances and Equipment Deployment (SEAD) initiative and other initiatives to spread clean energy technology. Sweden will show how active policy making allowed Sweden to grow its GDP 48% between 1990 and 2008, while reducing green house gas emissions 12% , and the energy intensity of its economy 27%. Renewable energy accounts for 43% of Sweden's energy end-use, the highest in the EU. Sweden contributes extensively to deployment of clean energy technologies in developing countries, including $1.1 billion in fast-start funding, one-ninth of the total EU contribution. Between 2009-2011, Sweden is providing $76 million to the Clean Technology Fund under the World Bank Climate Investment Fund.

Stockholm's Arlanda -- the World's Greenest Airport
During a June 21 visit, Deputy Prime Minister Olofsson saw how Stockholm's international airport Arlanda became the world's first to meet the Airport Carbon Accreditation's highest environmental standard. Arlanda reduced emissions 50% from 2005-2008, and plans to be carbon neutral by 2020. Sweden is well above the EU goal, seeking by 2012 to offer 80% of flights a "green" route (the most fuel efficient route for international, domestic and overflights). The Swedish system shares data among all stakeholders, from gate agents to airport security to air traffic controllers at various airports, to precisely time take offs and landings. The airport uses all LED lighting, and a 2 million cubic square meter aquifer for heating and cooling. By granting priority to pick up passengers, Arlanda ensured 70% of taxis serving it were eco-friendly. Arlanda is also financing a study on commercial viability of renewable jet fuel. Meanwhile, the Swedish Defense Material Agency and the U.S. Air Force are close to signing an agreement to order 60,000 to 70,000 liters of green jet fuel from Swedish Biofuels. The fuel will be tested in the Gripen jet fighter.

Sudden Growth in Sweden's Liquid Biogas
Scandinavian Gts has inaugurated Sweden's first liquefied biogas facility in Sundsvall. By the end of this summer, Scandinavian Gts will unveil a larger facility three times bigger in size in the Loudden region of Stockholm. Volvo company Terracastus is currently constructing the largest liquefaction facility in the world at Helsingborg together with regional waste management cooperative Norra Skånes Renhållings (NSR). The city of Uppsala is the first in Sweden to introduce buses run on liquid biogas. The goal is for 80% of all buses to be run on biogas by 2014, which would reduce carbon emissions 16,000 tons a year.

Lidköping Students Build Energy-Efficient Home in Rockford, IL
As part of an ongoing Industrial Partnership Agreement between their respective cities, De la Gardie High School in Lidköping, Sweden and East High School and the Swedish American Foundation in Rockford, Illinois are constructing their second energy-efficient "Swedish-Influenced House" in Rockford. The house was developed with input from both schools. It will feature Swedish products at International Bioenergy Days, September 26-29, 2010 in Rockford, where over 400 international attendees will discuss the bioenergy technologies, commercialization and policies. International Bioenergy Days began in Sweden in 2006.

U.S. and Sweden Seek More Vigorous Collaboration on SmartGrids
At a June 14 DVC, the U.S. Departments of Energy and Commerce, NGO GridWise Alliance, and Swedish officials, researchers and industry leaders discussed Stockholm's new urban development Royal Seaport, a "smart city" large-scale demonstrator of new clean energy technologies, including smart grids, electric vehicles and near zero energy buildings, which seeks to carbon neutral by 2030. As representatives for two of Europe's leading energy companies, ABB and Vattenfall will do a joint investment in a demo project for smart grids on the island of Gotland, with everything from feeding energy from small-scale power generation into the grid, to use of intelligent technical equipment in households, to directing energy use automatically to periods when rates are low. As the EU's leader on smartgrids, what Sweden develops will be studied to help other EU countries.

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